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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Walter Baltensperger Docket No.: 01-384

Serial No.: 09/899,681 Examiner :

Filed : July 5, 2001 Art Unit : 1734

For : ADHESIVE APPLICATION STATION FOR PRINTED PRODUCTS

Suite 1201
900 Chapel Street
New Haven, CT 06510-2802

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents & Trademarks
United States Patent & Trademark Office
Washington, D.C. 20231

Dear Sir:

In accordance with the requirements of 37 CFR 1.97 and 1.98, Applicant hereby submits the prior art listed hereinbelow, copies enclosed.

(1) U.S. Patent No. 2,660,148 entitled ADHESIVE EXTRUDER FOR BOOKBINDING MACHINES, By Robert E. Fogg, patented November 24, 1953. This patent discloses an apparatus for applying a fluid adhesive to the backs of successive books in a book binding machine including means for conveying successive said books lengthwise through a work station, comprising means forming a reservoir for maintaining a quantity of said adhesive in fluid condition, means at said work station forming a discharge orifice for said adhesive, means cooperating with said conveying means to guide the

backs of successive said books into aligned relation with said orifice to receive adhesive therefrom progressively as said book moves past said orifice, means for conveying said fluid adhesive from said reservoir to said orifice under pressure for pressure discharge through said orifice into contact with said aligned backs of said books, said guiding means and said orifice being proportioned with respect to the width of said books to locate the entire width of the back of each said book in direct communication with said orifice in moving therepast, and yieldable means for maintaining said guide means in pressure engagement with the sides of each said book adjacent the back thereof to limit the area on said book to which said adhesive is applied while maintaining the entire width of the back of said book in direct communication with said orifice for uniform coating thereof with said adhesive.

(2) U.K. Patent No. 447,219 entitled IMPROVEMENTS IN GLUEING-APPARATUS PARTICULARLY FOR BOOK BINDING, By Alfred James Kitcat, published May 14, 1936. This patent discloses a gluing device for the purpose specified comprising a tube to which glue is adapted to

be supplied from a source of glue supply, the tube being concentrically mounted within a surrounding sleeve, the tube and sleeve having apertures through which glue may be exuded on to the surface to be glued, the tube or sleeve being movable to close or partially close some or all of said apertures and thereby control the flow of glue therethrough.

(3) U.K. Patent No. 2 141 644 entitled APPARATUS FOR APPLYING ADHESIVE TO THE BACKS OF PADS, By Siegfried Lampe, published January 3, 1985. This patent discloses an apparatus for applying adhesive to the backs of pads consisting of stacked paper sheets, while the pads are held at a standstill in the pockets of an indexible turret, has a reciprocable carriage with a row of roller-shaped applicators therein and with discrete chambers receiving portions of the respective applicators. All of the chambers receive adhesive from a common channel wherein the supply of adhesive is replenished in response to signals which are generated by a level monitoring device. Each of the applicators applies a film of adhesive to a portion of the back of a pad. The flow of adhesive to and from the chambers is controlled by pairs of rollers. The surplus of

applied adhesive is gathered in troughs next to the applicators and is returned by the applicators into the respective chambers for reuse. All of the applicators are rotated in a single direction, either in response to movement of the carriage relative to a pad or in response to starting of a gear motor which drives the applicators by way of toothed belts and pulleys.

(4) German Patent No. 41 21 792 entitled BOOK BACK GLUING NOZZLE SYSTEM - HAS SELF ADJUSTING PRESSURE..., By Horst Rathert et al., published January 7, 1993. This patent discloses the nozzle system which applies heat-melted, and particularly polyurethane, glue to the backs of book blocks passed over at intervals. A pump delivers the glue by pipe from a storage tank to a wide slot-shaped nozzle. There is a pressure-measuring unit in the pipe. The pump speed is regulated to give the preferred rate of delivery. A second pipe diverts the incoming glue when a valve in the first one shuts, and in the second pipe is a regulator valve adjusting the back-pressure dependent on the amount of glue to be applied. The regular valve forms a pressure-relief valve, being self-adjusting, and discharges the incoming glue during the intervals between

applications. Its opposing force is adjusted so that its discharge pressure is above the necessary application pressure. The latter is measured beforehand, and fed to the controller for storage.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on October 22, 2001
(Date of Deposit)

Rachel Piscitelli
Name and Reg. No. of Attorney

Signature

October 22, 2001
Date of Signature

Respectfully submitted,

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Date: October 22, 2001